

Associations Agree to Rules Made for Benning Auto Meet.

## PRIZES TO BE AWARDED

Motorcycle Events for Novices Professionals Are Arranged

p. m., and will be run off in the following order:

Motorcycle races, event No. 1, for novices, will run for three miles and will have as first prize a gold medal.

Event No. 2 will be a professional race for the championship of the South, and will run for dive miles, the machines need being stripped stock machines. Riders are expected to enter this rang from nearity all of the Southern cities. The first prize will be a handsome trophy cup donated by the National Capital Motorcycle Club, and the second a gold medal.

Event No. 3, professional, distance five miles, first prize, \$25 in cash; second prize, \$15 in cash; second prize, \$15

Wheels Within Wheels.

From Judge.

Mrs. Crawford—I was so glad to find her out when I called!

Mrs. Crabbhaw—I knew you didn't like such other, so I told her when you were woine to call.

Where the Bachclor Win From Judge.

Or all life's disappointments.

None holds such keen regret as when, in reaching for a per soine to call.

### SOME FORD FIGURES.

INDIANS NOW OWN

Chief Iron Tail, Once Head Powerful Western Tribe, Is

an Example.

PREFERS AUTOMOBILE TO PONY

CAR SQUEAKS MAY

COME FROM SPRINGS

Oil or Thin Grease Between Leaves Removes Noise, Says Jack-

"We have all heard annoying little

AND DRIVE MOTORS

Plant at Detroit Is a Mechani

"Mere figures stall to carry any signifi-cance when the Ford plant at Detroit is under consideration," said Claude E. Miller, local agent for the Ford ear. "The fact that 200,000 motor cars will be produced this year means but little until a basis of comparison is arrived at. "A writer in the American Machinist who is writing of the Ford Company under the general head of Building an Automobile Every Forty Seconds, gives some interesting figures. "For instance, the National Acme Manufacturing Company, or Cleveland, used twenty-two carloads of steel bars to make the 4400,000 %-inch nuts used on the Ford cars. The holes in these nuts if placed end to end would make a little tunnel from the Acme plant in Cleveland to the Ford plant in Detroit and extend twenty-five miles up into Michigan." Another example worked out has to

The final programme for the July race meet to be held at Benning race rack now is complete and has been accepted both by the committee of the club and the contest hearts of the American Automobile Association and the Federation of American Motorcycless.

The races will commence promptly at p. m., and will be run off in the following order:

Motorcycle races, event No. 1, for portiess, will run for the recent provises, will run for the recent provises and extend twenty-five miles up into the recent provises are recent provises. Another example worked out has to do with the copper wire in the magnetic provises and extend twenty-five miles up into the recent provises and extend twenty-five miles up into the recent provises and extend twenty-five miles up into do with the copper wire in the magnetic provises and extend twenty-five miles up into do with the copper wire in the magnetic provises and the recent provises are provided by the recent provises and extend twenty-five miles up into do with the copper wire in the magnetic provises are provided with the copper wire in the magnetic provises are provided with the copper wire in the magnetic provises are provided with the copper wire in the magnetic provises are provided to the provise and twenty-five miles up into do with the copper wire in the magnetic provises are provided to the provise are provided to the provises are provided to the provises are

## **EXPERT DISCUSSES** WARNING SIGNALS

F. R. Hutton Defines Necessary Char acteristics of Auto Horns and Their Regulation by Law.

Engineers and consulting engineer and chairman of the technical committee of the Automobile Club of America, has made an extensive study of this problem and deals with it from the standpoint of wide experience.

He urges the adoption of a standard quality of warning signal and the prohibition of its unnecessary use.

The warning signal," says Ir. Hutten, "should be audible from such a distance that the person warned should not jump with a nervous movement to avoid somethat the person warned should not jump with a nervous movement to avoid somethat the person warned should not jump with a nervous movement to avoid something that seems at his side before he knew it was anywhere near him.

To stund the signal innecessarily not only makes the attreet more noisy than incomment, but also it breeds the habit of disregarding the signal when it is dispersive when the danger signal cannot be heard; the quieter the street themore easily is the attention caught.

"A true musical nots (one with a definite number of his waves per second) is not as seviceable for arousing attention or for warning as a pure noise until point of the range, but to make it carry sudden warning it has to be so not as seviceable for arousing attentions. The secualled siren is a pure tone all points of its range, but to make it carry sudden warning it has to be so not as serviceable for arousing attention or for warning as a pure noise until point in the signal waves as effective as those which leave the signal later, and this is its best vitrating by an electric motor on the principle of Savart makes the first sound waves as effective as those which leave the signal later. And this is its best than the American Museum of Satety is a standard from a hand-bulk gainst strong winds for any considerable distance, or even a city block, and is carriety, therefore, attitled to be classed among safety devices, in the museum sense. "We have all beard annoying little squeaks from an automobile as it goes over a hump in the road or over a crossover a hump in the road or over a crossover a hump in the road or over a crossover and the same time if there is a little sign to hold the leaves can be pried apart with a screed/river or a small tool made especially for this purpose. They can be olded, one by one, with an ordinary oil can, but a better plan is to work graphite or grease between the leaves with a knife blade. The graphite or grease should be fairly stiff, so that the aprings will be lubricated for a longer time. Ordinarity twice a year is sufficient if the proper grade of graphite or grease

## HIGH MOTIVE POWER IN HILL CLIMBING

Taking Hills at Speed Made Easier When the Power Is Pro-

portionate.

a well-known local t

where a careful watch will be kept over them to avoid against theft and to insure against vandalism.

The officials in charge of the races will be as follows:
Automobile evente—Charles H. Cross, And H. E. Duckstein, budges, and S. S. Grogan and H. R. King, timers.

The officials in charge of the motor-cycle races will be T. O. Wansieben, referee: W. F. Throop, clerk of the course, and A. O. Hutterly and S. S. Grogan, and A. O. Hutterly and S. S. Grogan, and A. O. Hutterly and S. S. Grogan, timers.

T. B. Shoemaker, of the American Automobile Association contest board, of New York City, expects to be present at the races and give the officials the benefit of his experience in this line. Mr. Shoemaker is a former Washingtonian and is interested in any event run officer and the state of the proper with the conduct of the races. Mr. Shoemaker is a former Washingtonian and is interested in any event run officer and the state of the proper with the conduct of the races. Mr. Shoemaker is a former Washingtonian with the conduct of the races. Mr. Shoemaker is a former Washingtonian with the conduct of the races. Mr. Shoemaker will come down by read in Studebaker from New York City, leaving there Thursday, July 2, and remaining in Washington for the week, end.

First automobile entry, entered by Frank Stewart, who will drive a "Reo."

Where the Backcler Wins.

Where the Backcler Wins.

Where the Bachelor Wins.

Lo, the poor Indian.

The irresistible march of civilization and progress has marked great changes in his life. It has taken from him the how and arrow, the tomahawk and the rifle of his belligerent days and has replaced them with the hoe, and the scytle, badges of the once-hated hundrum esistence of the agriculturist. His Joyou. days of the hunt and the warpath are over. His pony is gone; relegated to the imbo of things that never return by that engine of modern transportation, the automobile. Instorians and faction writers have thus painted the Indian's pressuit condition. As a matter of fact, the picture is in far more severe colors than the truth warrants. Today there are hundreds of Indians in this country, edurated, well-fed, happy and independent. One of the best examples of the adaption of modern facilities and customs by the American Indians is Chief Iron Tail, once the head of a powerful Western tribc, whose profile adorns the new five-cent piece recently issued by the government. Far from being down-trodden and disconsolate at the loss of his former power and glory as the leader of an important people. Chief Iron Tail has welcomed the Innovations which make for the supramary of the United States among nations of the world, and has availed himself of every opportunity to improve the continuous under which he and the remnant of the world, and has availed himself of every opportunity to improve the continuous under which he and the remnant of the great rank in the incarrying on the business of the great rank on which he lives. His greatest delight, between intervals of looking after his various business interiests is to gather a crowd of his redskin neighbors and take them for long rides through the Oklahoma prairie country. He is an expert driver and is never so happy as when slitting at the wheel of his Overland, speeding here and there over the territory he formerly traversed at the head of a war or hunting party of his fellows.

thies, the Y. M. C. A is thus provide itself a progressive and welcome aid to the modern business world."

LOCAL AUTO NOTES.

With the coming of extreme warm warm wather, the one period of the year when the man who can afford to game of the progressive and one period of the year when the man who can afford to game or welcome and one period of the year when the man who can afford to gar of Westchester County, her home being at Hartings. She is a familiar flavored to the long membership into the point of the point were added to the long membership into the business are thronging the offices of the form the heat and toll of rity life.

During the past week many new names were added to the long membership into the buseau. Those who joined the organization two weeks ago are already en route to distant points, or have reached their respected destinations. On heaving the requirements of the bureau, those on tour are daily sending in reports of conditions encountered along the route traveled. These reports are at the headquarters of the bureau, in the Colorado Building. Among these reports are many suggestions which are at the disposal of other members who may be contemplating a tour of the same territory.

Fally thirty members of the Mutual Touring Bureau are on four at the present time, each of whom is taking an active interest in furthering the aims of he association, their eport cards being a varied line of information, and and the association their openits and bureau, in the colorado Building. Among these supports are many suggestions which are at the disposal of other members who may be contemplating a tour of the same territory.

Frank Perret, who is the latest observer of the lava fountains is to appear is strongly again and the association, their report cards being a varied line of information, and active interest in furthering the aims of heavy processes of the program, clear-vision, for ward drive.

Emerson & Orme last week delivered to H. C. Stewart a Detroit electric, Model et, broughann, clear-vision, for

commotion continues for some time." The fountain is sometimes followed by a general insurging of lava from all sides to the place where the fountain appeared.

All these lava movements, though the movements of a heavy and sticky liquid, take place with a rapidity which can only be accounted for by supposing that the lava material is so highly charged with expanding gas as to have the qualities of foam. The Commercial Auto and Supply Com-pany, local agents for the Studebaker car, made the following deliveries dur-ing the past week: Elliott Northcott, "25" teuring: Dr. Carroll Fox, "25" tour-ing; N. E. Sands, "35" touring, and W. H. Lynch, "25" touring.

**HOW TO SAVE TIRES DURING HOT DAYS** 

There has been a steady increase of the fact warning and large cruise, no over the fact warning and large cruise in 1900 was 19,000; in 391 it was been from said of his savage father and from the third on his throne, which was pin magnificent because and great who have not realized the effect this officers and 6,650 men. Between the fact the commonplace natural law has on tires of the derivation of the relation of the fact this commonplace natural law has on tires in necessary of one is to drive a car with the greatest from 135,000 to 13

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with Their Riding Costumes.

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years put to-

ducted from our price. Now no standard tire of any type

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